

ABSTRACT OF THE DISCLOSURE

A solid oxide fuel cell comprising an electrically conducting electrode-support substrate, an inner electrode layer, a solid electrolyte layer, an outer electrode layer and an interconnector, wherein said electrode-support substrate includes a flat plate having two flat surfaces which are in parallel with each other and forming a plurality of gas flow passages therein, and curved portions located at both ends of said flat plate, and said outer electrode layer is laminated on the solid electrolyte layer so as to be opposed to the other surface of said flat plate where the interconnector is not provided but so as not to be opposed to said curved portions. The solid oxide fuel cell features a small voltage drop, an increased output density, and is easily produced exhibiting stable characteristics.

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